

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	118	73/861.ccls. and (flow rate\$1 measur\$6 with pulse doppler and transmit time method \$1) and (ratio amplitude\$1 wave\$1 compar\$4 predeterm \$5 threshold\$4 value \$1) and (power spectrum\$1 and fourrier transform\$1) and (rece\$6 and transmi\$6 wave\$1)	US-PGPUB; USPAT	OR	OFF	2009/02/01 16:45
L2	255	340/632.ccls. and (flow rate\$1 measur\$6 with pulse doppler and transmit time method \$1) and (ratio amplitude\$1 wave\$1 compar\$4 predeterm \$5 threshold\$4 value \$1) and (power spectrum\$1 and fourrier transform\$1) and (rece\$6 and transmi\$6 wave\$1)	US-PGPUB; USPAT	OR	OFF	2009/02/01 16:45
S1	8	"5043706"	US-PGPUB; USPAT	OR	OFF	2009/01/26 16:16
S2	5	"5821427"	US-PGPUB; USPAT	OR	OFF	2009/01/26 16:20
S3	6	"5453866"	US-PGPUB; USPAT	OR	OFF	2009/01/26 16:39
S4	6	"4810891"	US-PGPUB; USPAT	OR	OFF	2009/01/26 16:40
S5	0	(flow rate\$1 measur\$6 with pulse doppler and transmit time method \$1) and (ratio amplitude\$1 wave\$1 compar\$4 predeterm \$5 threshold\$4 value \$1) and (power spectrum\$1 and fourrier transform\$1) and (rece\$6 and transmi\$46 wave\$1)	US-PGPUB; USPAT	AND	OFF	2009/01/26 16:49

S6	0	(flow rate\$1 measur\$6 with pulse doppler and transmit time method \$1) and (ratio amplitude\$1 wave\$1 compar\$4 predeterm \$5 threshold\$4 value \$1) and (power spectrum\$1 and fourrier transform\$1) and (rece\$6 and transmi\$6 wave\$1)	US-PGPUB; USPAT	AND	OFF	2009/01/26 16:49
S7	0	(flow rate\$1 measur\$6 and pulse doppler and transmit time method \$1) and (ratio amplitude\$1 wave\$1 compar\$4 predeterm \$5 threshold\$4 value \$1) and (power spectrum\$1 and fourrier transform\$1) and (rece\$6 and transmi\$6 wave\$1)	US-PGPUB; USPAT	AND	OFF	2009/01/26 16:50
S8	0	(flow rate\$1 measur\$6 and pulse doppler and transmit time method \$1) and (ratio amplitude\$1 wave\$1 compar\$4 predeterm \$5 threshold\$4 value \$1) and (power spectrum\$1 and fourrier transform\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2009/01/26 16:50
S9	501	(flow rate\$1 measur\$6 and pulse doppler and transmit time method \$1) and (ratio amplitude\$1 wave\$1 compar\$4 predeterm \$5 threshold\$4 value \$1) and (power spectrum\$1 and fourrier transform\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2009/01/26 16:50
S10	501	(flow rate\$1 measur\$6 and pulse doppler and transmit time method \$1) and (ratio amplitude\$1 wave\$1 compar\$4 predeterm \$5 threshold\$4 value \$1) and (power spectrum\$1 and fourrier transform\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2009/01/26 16:51

S11	472	(flow rate\$1 measur\$6 and pulse doppler and transmit time method \$1) and (ratio amplitude\$1 wave\$1 compar\$4 predeterm \$5 threshold\$4 value \$1) and (power spectrum\$1 doppler frequenc\$2 and fourier transform\$1) and (averag\$2 value\$1 measur\$6 point\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2009/01/26 16:53
S12	0	(flow rate\$1 measur\$6 and pulse doppler and transmit time method \$1) and (ratio amplitude\$1 wave\$1 compar\$4 predeterm \$5 threshold\$4 value \$1) and (power spectrum\$1 doppler frequenc\$2 and fourier transform\$1) and (averag\$2 value\$1 measur\$6 point\$1) and (doppler shit\$1 bas\$4 measur\$6 point\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2009/01/26 16:54
S13	0	(flow rate\$1 measur\$6 and pulse doppler and transmit time method \$1) and (ratio amplitude\$1 wave\$1 compar\$4 predeterm \$5 threshold\$4 value \$1) and (power spectrum\$1 doppler frequenc\$2 and fourier transform\$1) and (averag\$2 value\$1 measur\$6 point\$1) and (doppler shit\$1 measur\$6 point\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2009/01/26 16:55

S14	0	(flow rate\$1 measur\$6 and pulse doppler and transmit time method \$1) and (ratio amplitude\$1 wave\$1 compar\$4 predeterm \$5 threshold\$4 value \$1) and (power spectrum\$1 doppler frequenc\$2 and fourier transform\$1) and (averag\$2 value\$1 measur\$6 point\$1) and (doppler shit\$1 )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2009/01/26 16:55
S15	464	(flow rate\$1 measur\$6 and pulse doppler and transmit time method \$1) and (ratio amplitude\$1 wave\$1 compar\$4 predeterm \$5 threshold\$4 value \$1) and (power spectrum\$1 doppler frequenc\$2 and fourier transform\$1) and (averag\$2 value\$1 measur\$6 point\$1) and (doppler shift\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2009/01/26 16:55
S16	464	(flow rate\$1 measur\$6 and pulse doppler and transmit time method \$1) and (ratio amplitude\$1 wave\$1 compar\$4 predeterm \$5 threshold\$4 value \$1) and (power spectrum\$1 doppler frequenc\$2 and fourier transform\$1) and (averag\$2 value\$1 measur\$6 point\$1) and (doppler shift\$1)	US-PGPUB; USPAT; USOCR	AND	OFF	2009/01/26 16:57
S17	4	600/455.ccls. and (flow rate\$1 measur\$6 and pulse doppler and transmit time method \$1) and (ratio amplitude\$1 wave\$1 compar\$4 predeterm \$5 threshold\$4 value \$1) and (power spectrum\$1 doppler frequenc\$2 and fourier transform\$1) and (averag\$2 value\$1	US-PGPUB; USPAT; USOCR	AND	OFF	2009/01/26 16:58

		measur\$6 point\$1) and (doppler shift\$1)				
S18	0	600/419.ccls. and (flow rate\$1 measur\$6 and pulse doppler and transmit time method \$1) and (ratio amplitude\$1 wave\$1 compar\$4 predeterm \$5 threshold\$4 value \$1) and (power spectrum\$1 doppler frequenc\$2 and fourier transform\$1) and (averag\$2 value\$1 measur\$6 point\$1) and (doppler shift\$1)	US-PGPUB; USPAT; USOCR	AND	OFF	2009/01/26 17:01
S19	8	600/437.ccls. and (flow rate\$1 measur\$6 and pulse doppler and transmit time method \$1) and (ratio amplitude\$1 wave\$1 compar\$4 predeterm \$5 threshold\$4 value \$1) and (power spectrum\$1 doppler frequenc\$2 and fourier transform\$1) and (averag\$2 value\$1 measur\$6 point\$1) and (doppler shift\$1)	US-PGPUB; USPAT; USOCR	AND	OFF	2009/01/26 17:01
S20	0	600/450.ccls. and (flow rate\$1 measur\$6 and pulse doppler and transmit time method \$1) and (ratio amplitude\$1 wave\$1 compar\$4 predeterm \$5 threshold\$4 value \$1) and (power spectrum\$1 doppler frequenc\$2 and fourier transform\$1) and (averag\$2 value\$1 measur\$6 point\$1) and (doppler shift\$1)	US-PGPUB; USPAT; USOCR	AND	OFF	2009/01/26 17:02

S21	3	600/453.ccls. and (flow rate\$1 measur\$6 and pulse doppler and transmit time method \$1) and (ratio amplitude\$1 wave\$1 compar\$4 predeterm \$5 threshold\$4 value \$1) and (power spectrum\$1 doppler frequenc\$2 and fourier transform\$1) and (averag\$2 value\$1 measur\$6 point\$1) and (doppler shift\$1)	US-PGPUB; USPAT; USOCR	AND	OFF	2009/01/26 17:02
S22	4	600/454.ccls. and (flow rate\$1 measur\$6 and pulse doppler and transmit time method \$1) and (ratio amplitude\$1 wave\$1 compar\$4 predeterm \$5 threshold\$4 value \$1) and (power spectrum\$1 doppler frequenc\$2 and fourier transform\$1) and (averag\$2 value\$1 measur\$6 point\$1) and (doppler shift\$1)	US-PGPUB; USPAT; USOCR	AND	OFF	2009/01/26 17:05
S23	4	600/455.ccls. and (flow rate\$1 measur\$6 and pulse doppler and transmit time method \$1) and (ratio amplitude\$1 wave\$1 compar\$4 predeterm \$5 threshold\$4 value \$1) and (power spectrum\$1 doppler frequenc\$2 and fourier transform\$1) and (averag\$2 value\$1 measur\$6 point\$1) and (doppler shift\$1)	US-PGPUB; USPAT; USOCR	AND	OFF	2009/01/26 17:08

S24	1	600/456.ccls. and (flow rate\$1 measur\$6 and pulse doppler and transmit time method \$1) and (ratio amplitude\$1 wave\$1 compar\$4 predeterm \$5 threshold\$4 value \$1) and (power spectrum\$1 doppler frequenc\$2 and fourier transform\$1) and (averag\$2 value\$1 measur\$6 point\$1) and (doppler shift\$1)	US-PGPUB; USPAT; USOCR	AND	OFF	2009/01/26 17:09
S25	1	600/457.ccls. and (flow rate\$1 measur\$6 and pulse doppler and transmit time method \$1) and (ratio amplitude\$1 wave\$1 compar\$4 predeterm \$5 threshold\$4 value \$1) and (power spectrum\$1 doppler frequenc\$2 and fourier transform\$1) and (averag\$2 value\$1 measur\$6 point\$1) and (doppler shift\$1)	US-PGPUB; USPAT; USOCR	AND	OFF	2009/01/26 17:10
S26	0	(flow rate\$1 measur\$6 and pulse doppler and transmit time method \$1) and (ratio amplitude\$1 wave\$1 compar\$4 predeterm \$5 threshold\$4 value \$1) and (power spectrum\$1 doppler frequenc\$2 and fourier transform\$1) and (averag\$2 value\$1 measur\$6 point\$1) and (doppler shift\$1) and (slect\$6 measur\$6 method\$1)	US-PGPUB; USPAT; USOCR	AND	OFF	2009/01/26 19:00

S27	464	(flow rate\$1 measur\$6 and pulse doppler and transmit time method \$1) and (ratio amplitude\$1 wave\$1 compar\$4 predeterm \$5 threshold\$4 value \$1) and (power spectrum\$1 doppler frequenc\$2 and fourier transform\$1) and (averag\$2 value\$1 measur\$6 point\$1) and (doppler shift\$1) and (select\$6 measur\$6 method\$1)	US-PGPUB; USPAT; USOCR	AND	OFF	2009/01/26 19:01
S28	9	flow meter with switch \$5 between transit tim \$4 and doppler frequenc\$5 mode\$1	US-PGPUB; USPAT	AND	OFF	2009/01/28 14:25
S29	23	("3766517"   "3987673"   "4028938").PN. OR ("4545244").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/28 14:31
S30	279	flow meter and switch \$5 between transit tim \$4 and doppler frequenc\$5 mode\$1	US-PGPUB; USPAT	AND	OFF	2009/01/28 14:38
S31	75	flow meter and switch \$5 between transit tim \$4 and doppler frequenc\$5 mode\$1 and (predetermin\$4 threshold\$4 amplitude and compar\$4 ratio recept\$4 wave\$1)	US-PGPUB; USPAT	AND	OFF	2009/01/28 14:40
S32	0	600/473-479.ccls. and (flow meter and switch \$5 between transit tim \$4 and doppler frequenc\$5 mode\$1) and (predetermin\$4 threshold\$4 amplitude and compar\$4 ratio recept\$4 wave\$1)	US-PGPUB; USPAT	AND	OFF	2009/01/28 14:49



S33	2213	600/473-479.ccls. and (flow meter and switch \$5 between transit tim \$4 and doppler frequenc\$5 mode\$1) and (predetermin\$4 threshold\$4 amplitude and compar\$4 ratio recept\$4 wave\$1)	US-PGPUB; USPAT	OR	OFF	2009/01/28 14:49
S34	3672694	S33 and power value \$1 spectrum\$1 and predetermin\$4 threshold\$4 power value\$1	US-PGPUB; USPAT	OR	OFF	2009/01/28 14:51
S35	143	S33 and power value \$1 spectrum\$1 and predetermin\$4 threshold\$4 power value\$1	US-PGPUB; USPAT	AND	OFF	2009/01/28 14:51
S36	1	600/453-457.ccls. and (flow meter and switch \$5 between transit tim \$4 and doppler frequenc\$5 mode\$1) and (predetermin\$4 threshold\$4 amplitude and compar\$4 ratio recept\$4 wave\$1)	US-PGPUB; USPAT	AND	OFF	2009/01/28 14:53
S37	3672694	S33 and power value \$1 spectrum\$1 and predetermin\$4 threshold\$4 power value\$1	US-PGPUB; USPAT	OR	OFF	2009/01/28 14:53
S38	1092	600/453-457.ccls. and (flow meter and switch \$5 between transit tim \$4 and doppler frequenc\$5 mode\$1) and (predetermin\$4 threshold\$4 amplitude and compar\$4 ratio recept\$4 wave\$1)	US-PGPUB; USPAT	OR	OFF	2009/01/28 14:54
S39	0	S38 and power spectrum\$1 and predetermin\$4 thresold \$4 value\$1	US-PGPUB; USPAT	AND	OFF	2009/01/28 14:55
S40	327	S38 and power spectrum\$1	US-PGPUB; USPAT	AND	OFF	2009/01/28 14:55
S41	186	S40 amplitude\$1 maximum	US-PGPUB; USPAT	AND	OFF	2009/01/28 14:56

S42	50	switch\$4 flow meter\$1 with pulse doppler and transit time	US-PGPUB; USPAT	AND	OFF	2009/01/28 15:41
S43	40	flow meter\$1 with dual method\$1 switch\$4 and pulse doppler and transit time	US-PGPUB; USPAT	AND	OFF	2009/01/28 15:48
S44	1	(flow meter\$1 and pulse doppler with ratio amplitude value \$1 and reception wave \$1) and (compar\$4 amplitude\$1 value\$1 with predetermin\$4 value\$1) and (fourier transform with reception wave\$1 and power spectrum)	US-PGPUB; USPAT	AND	OFF	2009/01/28 16:44
S45	748	600/453-457.ccls. and (flow meter\$1 and pulse doppler with ratio amplitude value \$1 and reception wave \$1) and (compar\$4 amplitude\$1 value\$1 with predetermin\$4 value\$1) and (fourier transform with reception wave\$1 and power spectrum)	US-PGPUB; USPAT	OR	OFF	2009/01/28 16:44
S46	4	600/453-457.ccls. and (flow meter\$1 and pulse doppler and ratio amplitude value\$1 and reception wave\$1) and (compar\$4 amplitude \$1 value\$1 and predetermin\$4 value \$1) and (fourier transform and reception wave\$1 and power spectrum)	US-PGPUB; USPAT	AND	OFF	2009/01/28 16:45

S47	1	600/453-457.ccls. and (flow meter\$1 and pulse doppler and ratio amplitude value\$1 and reception wave\$1) and (compar\$4 amplitude \$1 value\$1 and predetermin\$4 value \$1) and (fourier transform and reception wave\$1 and power spectrum) and (switch\$5 between pulse doppler and transit time and small \$4 value\$1)	US-PGPUB; USPAT	AND	OFF	2009/01/28 17:14
S48	751	600/453-457.ccls. and (flow meter\$1 and pulse doppler and ratio amplitude value\$1 and reception wave\$1) and (compar\$4 amplitude \$1 value\$1 and predetermin\$4 value \$1) and (fourier transform and reception wave\$1 and power spectrum) and (switch\$5 between pulse doppler and transit time and small \$4 value\$1)	US-PGPUB; USPAT	OR	OFF	2009/01/28 17:14
S49	3	600/453-457.ccls. and (compar\$4 amplitude \$1 ratio with predetermin\$4 value \$1) and (compar\$4 power spectrum with predetermin\$4 value \$1)	US-PGPUB; USPAT	AND	OFF	2009/01/28 18:09
S50	6	((YOSHINORI) near2 (OHMURO)).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/28 18:10
S51	20	((HIRONOBU) near2 (YAO)).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/28 18:17
S52	70	((TOSHIHIRO) near2 (YAMAMOTO)).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/28 18:22
S53	0	"2004006436"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/28 18:46
S54	1	"20040006436"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/28 18:46
S55	6	"4271708"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/28 18:47

S56	4	"6474174"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/28 18:55
S57	2	"4721708"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/28 18:58
S58	13	"5228347"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/28 19:00
S59	22	"4162630"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/28 19:04
S61	2	"20010056237"	US-PGPUB; USPAT	OR	OFF	2009/01/31 14:45
S62	9	"6437856"	US-PGPUB; USPAT	OR	OFF	2009/01/31 14:47
S63	165	flow rate calculat\$4 with select\$5 pulse doppler and transit time	US-PGPUB; USPAT	AND	OFF	2009/01/31 15:27
S64	81	flow rate calculat\$4 with select\$5 pulse doppler and transit time and power spectrum and amplitude wave\$1	US-PGPUB; USPAT	AND	OFF	2009/01/31 15:40
S65	79	flow rate calculat\$4 with select\$5 pulse doppler and transit time and power spectrum and amplitude wave\$1 and predetermin\$5 value\$1	US-PGPUB; USPAT	AND	OFF	2009/01/31 15:42
S66	39	"2556146"	US-PGPUB; USPAT	AND	OFF	2009/01/31 21:56
S67	7	"5275040"	US-PGPUB; USPAT	OR	OFF	2009/01/31 22:05
S70	7	"5275040"	US-PGPUB; USPAT	OR	OFF	2009/02/01 13:51
S71	13	"5228347"	US-PGPUB; USPAT	OR	OFF	2009/02/01 15:07

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